AGENCY PROFILE
Program Year 2008

Contra Costa County Community Services Dept.

Service Area	Contra Costa County
Total Low Income Households	54,607

See Footnote #1

Households Served and Average Benefit

	Service Area		Statewide
Program Component	**Households Served**	**Average Benefit per Household**	**Average Benefit per Household**
ECIP EHCS Cooling	1	$1,844	$861
ECIP EHCS Heating	29	$2,329	$1,208
ECIP Fast Track	1045	$369	$351
ECIP WPO	0	$0	$322
HEAP Gas & Electric	2762	$250	$238
HEAP WPO	0	$0	$299
Weatherization	320	$1,339	$1,446

See Footnote #2

Household Income

	Service Area			Statewide		
LIHEAP Eligible Households	**Under 100%**	**101 - 125%**	**Over 125%**	**Under 100%**	**101 - 125%**	**Over 125%**
Census Data	37%	16%	47%	39%	16%	45%

	Service Area				
Program Component	**Under 75%**	**75% to 100%**	**101% to 125%**	**126% to 150%**	**Over 150%**
ECIP EHCS & WPO	3%	17%	37%	7%	37%
ECIP Fast Track	55%	15%	15%	6%	9%
HEAP Gas & Electric	31%	13%	31%	13%	11%
HEAP WPO	0%	0%	0%	0%	0%
Weatherization	20%	12%	29%	13%	25%

	Statewide				
Program Component	**Under 75%**	**75% to 100%**	**101% to 125%**	**126% to 150%**	**Over 150%**
ECIP EHCS & WPO	28%	17%	24%	16%	15%
ECIP Fast Track	49%	16%	18%	8%	9%
HEAP Gas & Electric	30%	16%	33%	12%	10%
HEAP WPO	28%	14%	28%	13%	17%
Weatherization	28%	17%	25%	13%	17%

See Footnote #3

AGENCY PROFILE
Program Year 2008

Vulnerable Populations

LIHEAP Eligible Households	Service Area			Statewide		
	Elderly	Disabled	Children Under 5	Elderly	Disabled	Children Under 5
Census Data	45%	42%	7%	33%	37%	8%

Program Component	Service Area VP HHs to Total HHs	Statewide VP HHs to Total HHs
ECIP EHCS & WPO	73%	77%
ECIP Fast Track	60%	81%
HEAP Gas & Electric	81%	76%
HEAP WPO	0%	82%
Weatherization	83%	77%

See Footnote #4

Energy Burden

National Average	15%

Program Component	Service Area Average Energy Burden
ECIP Fast Track	29%
HEAP Gas & Electric	16%
Weatherization	12%

See Footnote #5

Primary Heating Fuel Type

	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Census Data	70%	27%	2%	0%	1%	1%

Program Component	Service Area					
	Natural Gas	Electricity	Propane	Fuel Oil, Kerosene	Wood	Other
Weatherization	81%	18%	1%	0%	0%	0%

See Footnote #6

ECIP/HEAP Expenditures

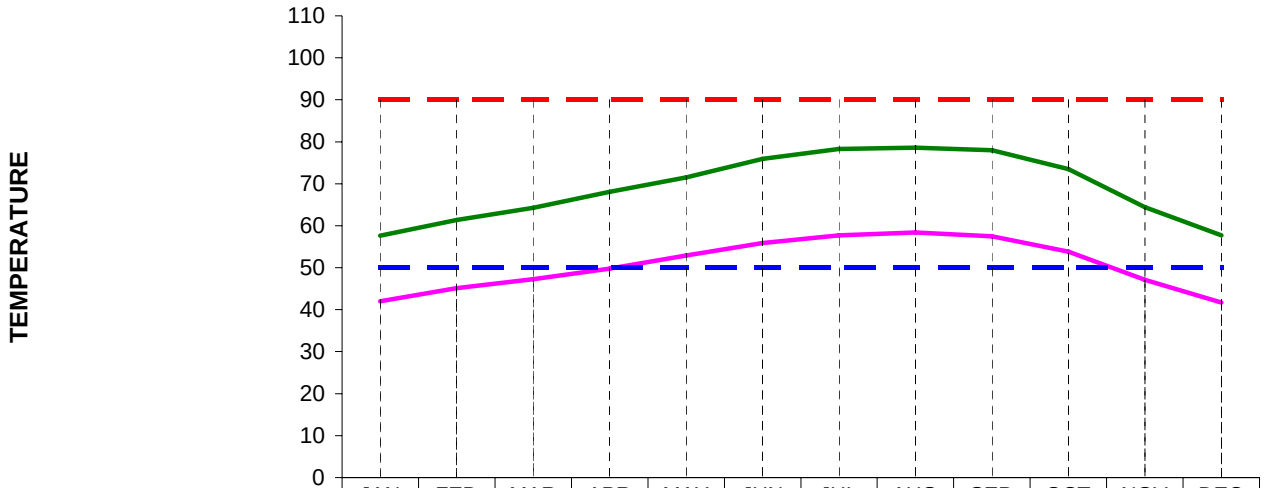
Program Component	Service Area Actual Expenditures	Statewide Range Actual Expenditures
ECIP EHCS	8%	1% - 30%
ECIP Fast Track	34%	7% - 42%
ECIP WPO	0%	1% - 21%
HEAP Gas/Electric	58%	27% - 67%
HEAP WPO	0%	1% - 21%

See Footnote #7

AGENCY PROFILE
Program Year 2008

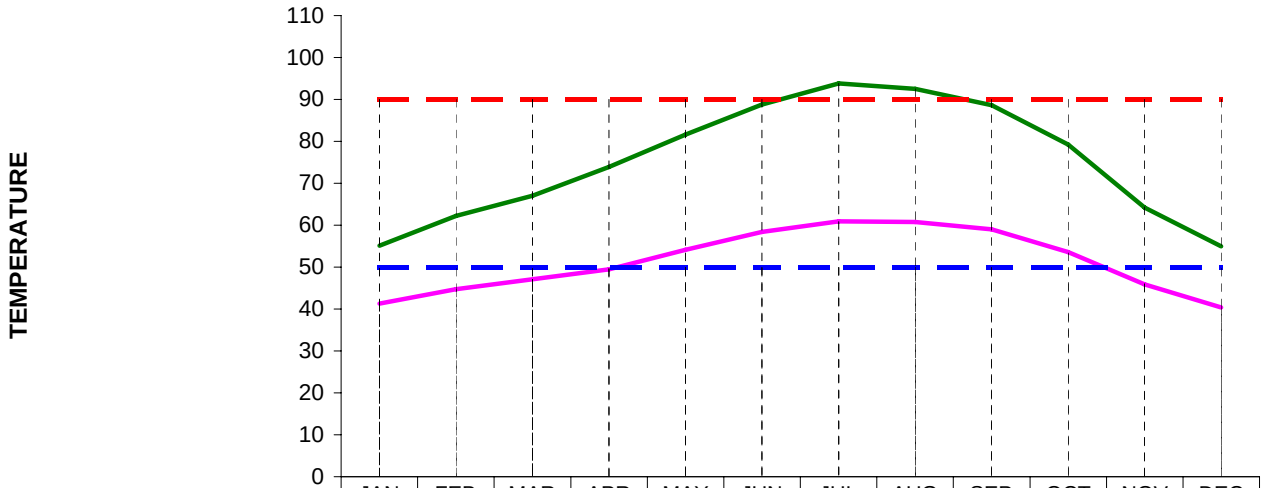
Climate Data

REPRESENTATIVE CEC CLIMATE ZONE 3



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAX TEMP	57.6	61.4	64.3	68.1	71.5	75.9	78.3	78.6	78	73.5	64.4	57.7
MIN TEMP	42	45.1	47.3	49.8	52.9	55.9	57.7	58.4	57.5	53.8	47.1	41.7
HEAT HEALTH RISK	90	90	90	90	90	90	90	90	90	90	90	90
COLD HEALTH RISK	50	50	50	50	50	50	50	50	50	50	50	50

REPRESENTATIVE CEC CLIMATE ZONE 12



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
MAX TEMP	55.1	62.2	67	73.9	81.6	88.8	93.8	92.5	88.6	79.2	64.2	55
MIN TEMP	41.3	44.7	47.1	49.5	54.1	58.4	60.9	60.8	59	53.6	45.9	40.4
HEAT HEALTH RISK	90	90	90	90	90	90	90	90	90	90	90	90
COLD HEALTH RISK	50	50	50	50	50	50	50	50	50	50	50	50

AGENCY PROFILE
Program Year 2008

Climate Data

CEC Climate Zone Descriptions	
Zone	**Description**
3	San Francisco bay area
12	Northern inland valley - moderate

See Footnote #8

California Energy Commission (CEC) Building Climate Zones by City			
City	**Climate Zone**	**City**	**Climate Zone**
Alamo	12	Mount Diablo	12
Antioch	12	Oakley	12
Bethel Island	12	Old River	12
Blackhawk	12	Orinda	12
Brentwood	12	Pacheco	12
Briones Reservoir	12	Pinole	3
Byron	12	Pittsburg	12
Clayton	12	Pleasant Hill	12
Concord	12	Port Chicago	12
Crockett	12	Richmond	3
Danville	12	Rodeo	3
Diablo	12	Saint Mary's College	12
Discovery Bay	12	San Pablo	3
El Cerrito	3	San Ramon	12
El Sobrante	3	Suisun Bay	12
Hercules	3	Tassajara	2
Knightsen	12	U.S.N. Weapons Station, Concord	12
Lafayette	12	Vine Hill	3
Martinez	12	Walnut Creek	12
Moraga	12	West Pittsburg	12

See Footnote #9

Department of Energy (DOE) Climate Zones by Weather Station				
Weather Station	**Cooperative Station ID #**	**Heating Degree Days (65° Base)**	**Cooling Degree Days (65° base)**	**DOE Climate Zone**
Antioch Pump Plant #3	40693	2,857	142	4
Martinez Water Plant	44997	2,755	858	4
Mount Diablo Junction	46144	2,367	530	4
Richmond	46336	2,400	377	4

See Footnote #10

Repeat Customers

	Service Area	**Statewide**
Program Component	**Repeat Customers**	**Repeat Customers**
HEAP	21%	20%
Fast Track	4%	10%

See Footnote #11

AGENCY PROFILE
Program Year 2008

Footnotes

1. ***Total Low Income Households***

Source:

- Census information was provided by the California Department of Finance.

2. ***Households Served and Average Benefit***

- The average benefit per household for ECIP EHCS and Weatherization was calculated by dividing the total direct program activity by the total households served.
- The average benefit per household for Fast Track, WPO and HEAP was calculated by dividing the total benefits received by the total households served.

Sources:

- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
- Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.

3. ***Household Income***

Sources:

- Census information was provided by the California Department of Finance.
- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.

4. ***Vulnerable Populations***

- The number of vulnerable population households is not duplicated.

Sources:

- Census information was provided by the California Department of Finance.
- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.

5. ***Energy Burden***

The energy burden is calculated by dividing the total household energy costs by the total household income.

Source:

- The national average energy burden was derived from the LIHEAP Home Energy Workbook for Fiscal Year 2005, DHHS, May 2007, page i.
- Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2005.
- Fast Track and HEAP data was derived from the CLASS database for Program Year 2005.

6. ***Primary Heating Fuel Type***

- Fuel types represent the types of fuels used as the primary heating source for low-income homes.
- The other heating fuel type category includes but is not limited to solar, coal and non-existent heating.

Source:

- Census information was provided by the California Department of Finance.
- Weatherization data was derived from activity and reimbursement reports submitted for Program Year 2006, the first year that fuel types were collected for LIHEAP.

AGENCY PROFILE
Program Year 2008

Footnotes

7. ***ECIP/HEAP Expenditures***

- The expenditure ratios were calculated by dividing the total expenditures for each program by the sum total of all program expenditures included in this analysis.
- One standard deviation was used to determine the statewide ranges over a period of five years. For normally distributed data, about 68% of the values are within 1 standard deviation of the average.

Sources:

- ECIP EHCS, WPO, and Weatherization data was derived from activity and reimbursement reports submitted for Program Years 2002 through 2006.
- Fast Track and HEAP data was derived from the CLASS database for Program Years 2002 through 2006.

8. ***Representative CEC Climate Zones***

- Heat and Cold Level 1 is categorized as cautionary.
- Heat and Cold Level 2 is categorized as extremely cautionary.

Source:

- Cautionary levels of temperature were obtained from the California Office of Emergency Services.
- Average monthly maximum and minimum temperatures were dervied from the National Oceanic and Atmospheric Administration (NOAA), Monthly Station Normals of Temperature, Precipitation and Heating and Cooling Degree Days 1971-2000, 04 California, February 2002.

9. ***CEC Building Climate Zones by City***

Source:

- Climate zone data was obtained from the Joint Appendices for the 2005 Building Energy Efficiency Standards for Residential and Nonresidential Buildings, October 2004, Table II.2.

10. ***DOE Climate Zones by Weather Station***

- Heating and cooling degree days are used to categorize weather stations within a service area into DOE climate zones using a pre-established range of heating and cooling degree days.
- A degree day is calculated by subtracting the average temperature of the day from the degree day base. If it is a heating degree day, it is the difference below the base. If it is a cooling degree day, it is the difference above the base. The degree days are averaged over a 30-year period.

Source:

- Weather stations and degree days were obtained from the National Oceanic & Atmospheric Administration (NOAA), Annual Degree Days to Selected Bases, 1971-2000, released 6/20/02.

11. ***Repeat Customers***

- The rate of repeat customers receiving utilty assistance was calculated by dividing the total customers receiving services two or more consecutive program years by the total customers served from Program Years 2004 through 2006.

Source:

- Fast Track and HEAP data was derived from the CLASS database for Program Years 2004 through 2006.